

## SLMPC BARCODE SPECIFICATIONS

December 4, 2001

### Code 39, mod 10

Position 1	=	Barcode type (3 = book)
Position 2-5	=	Location code/School 3-digit Code (with leading zero)
Position 6	=	Source (School = 3). Start of sequential number.
Position 7-13	=	Sequential number (beginning 0000000)
Position 14	=	Check digit (modulo 10 algorithm or Mod 10)

### **Castle High School (301)**

Barcode range (also called sequential numbers):

30301300000000x through 30301399999999x

The underlined portion above is your sequential number from position 6 –13, that is,  
30000000 – 39999999,  
or,  
30,000,000 – 39,999,999.

You have **10,000,000** unique barcodes to work with in this range.

Check digit, Mod 10:

The "x" at the end of the barcode number is a check digit that is not part of the sequential number and is system assigned, i.e., you don't have to provide the number, ignore it.

Keep a log:

**You are responsible for keeping track of barcodes. You need to keep a log of the barcode numbers you assign each vendor.**

**For example:**

#### **Sample Barcode Log Book**

School-order barcodes for gifts and individually purchased materials, ordered from  
[Co. name] = 30301 **30000000**x – 30301 **31000000**x

Follett book = 30301 **33000000**x – 30301 **33099999**x, or  
Orders = 30301 **36000000**x – 30301 **36099999**x

Assigning 100,000 barcodes per vendor:

Vendor #1 = 30301 **31200001**x – 30301 **31300000**x [or, **31,200,001** – **31,300,000**]  
Vendor #2 = 30301 **31300001**x – 30301 **31400000**x [or, **31,300,001** – **31,400,000**]

Assigning 10,000 barcodes per vendor:

Vendor #3 = 30301 **31410001**x – 30301 **31420000**x [or, **31,410,001** – **31,420,000**]  
Vendor #4 = 30301 **31420001**x – 30301 **31430000**x [or, **31,420,001** – **31,430,000**]  
Vendor #5 = 30301 **31430001**x – 30301 **31440000**x [or, **31,430,001** – **31,440,000**]

Assigning 1,000 barcodes per vendor:

Vendor #6 = 30301 **31500001**x – 30301 **31501000**x [or, **31,500,001** – **31,501,000**]  
Vendor #7 = 30301 **31501001**x – 30301 **31502000**x [or, **31,501,001** – **31,502,000**]  
Vendor #8 = 30301 **31502001**x – 30301 **31503000**x [or, **31,502,001** – **31,503,000**]

This information is posted on the website below:

<http://sls.k12.hi.us/slmipc.html>

Please contact Daijo if you have any questions at  
[daijo\\_kaneshiro@notes.k12.hi.us](mailto:daijo_kaneshiro@notes.k12.hi.us)